

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

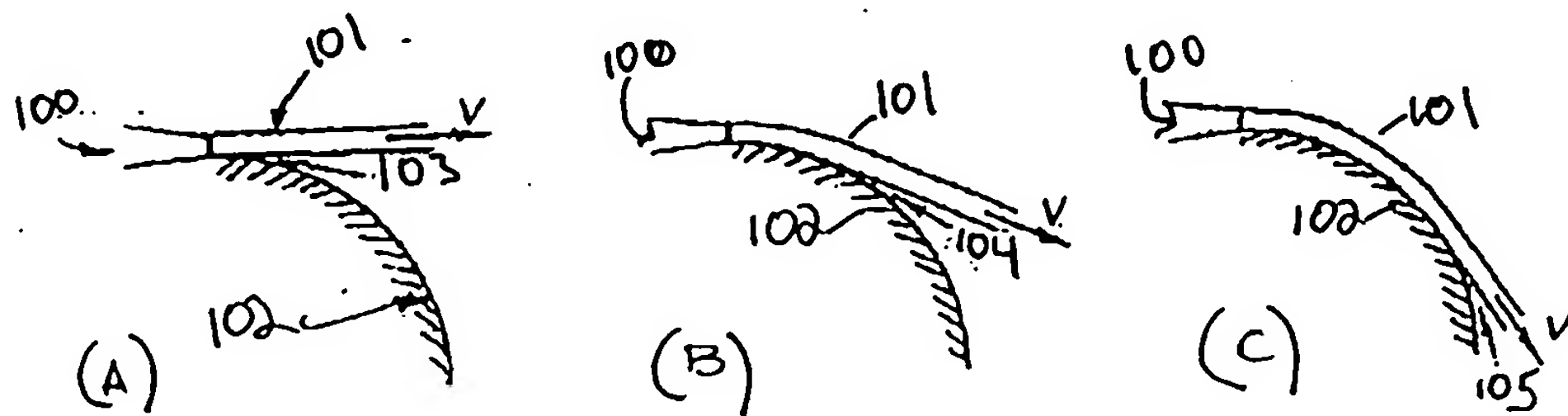


FIGURE 1.
(PRIOR ART)

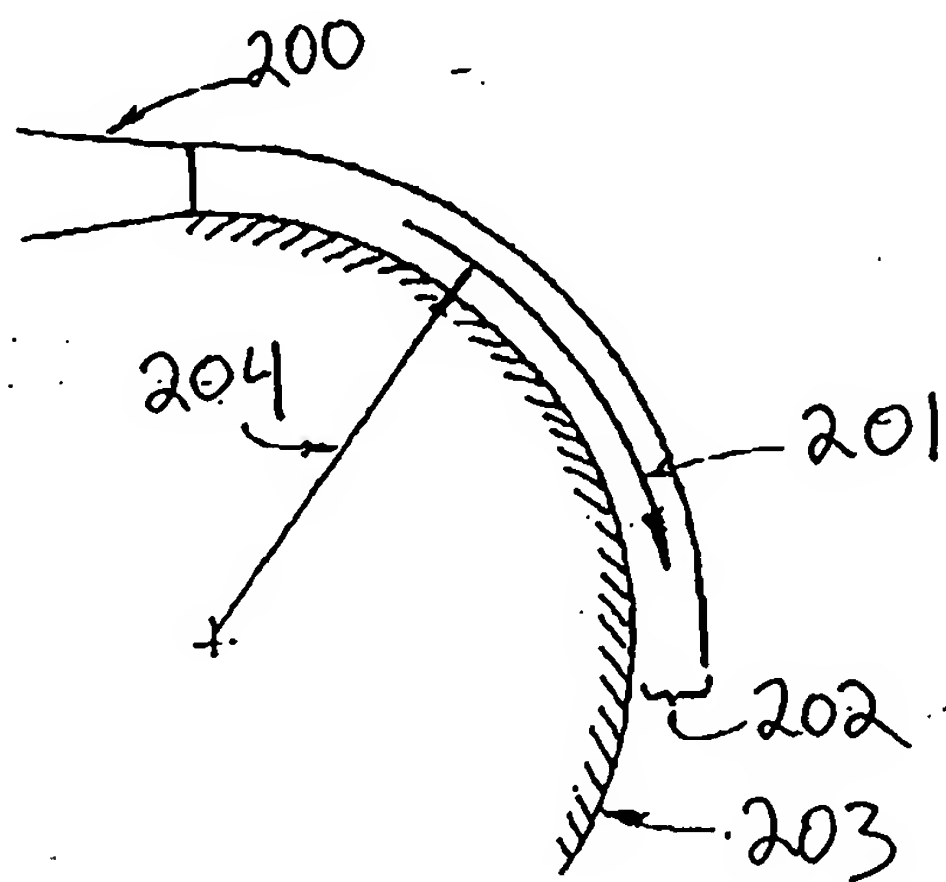


FIGURE 2.
(PRIOR ART)

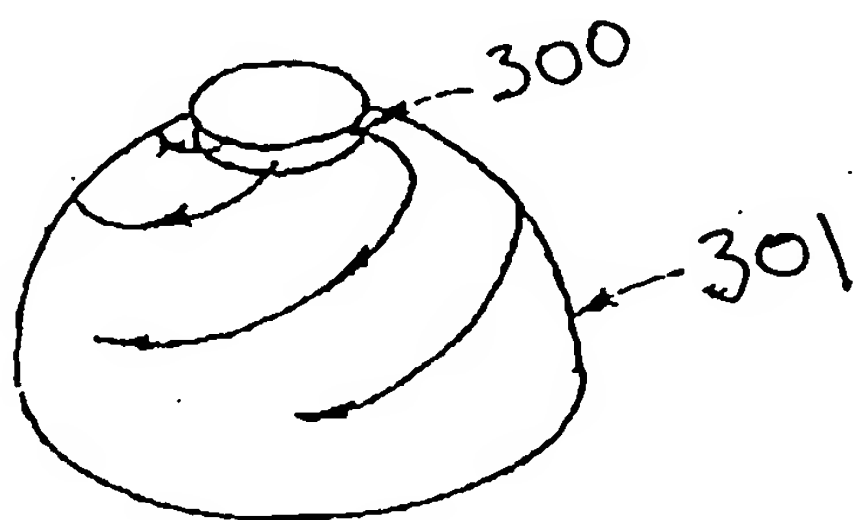


FIGURE 3.
(PRIOR ART)

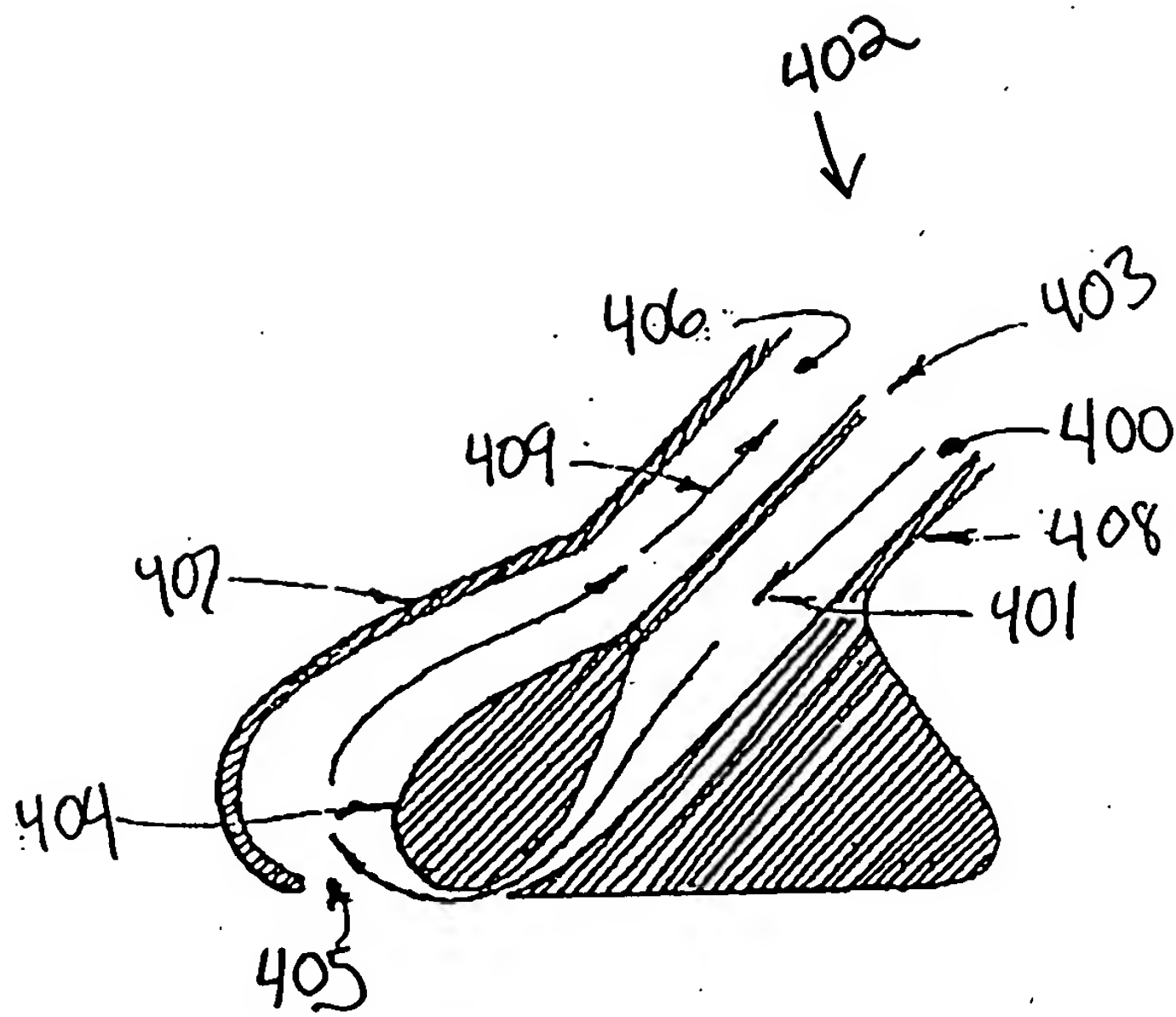


FIGURE 4
(PRIOR ART)

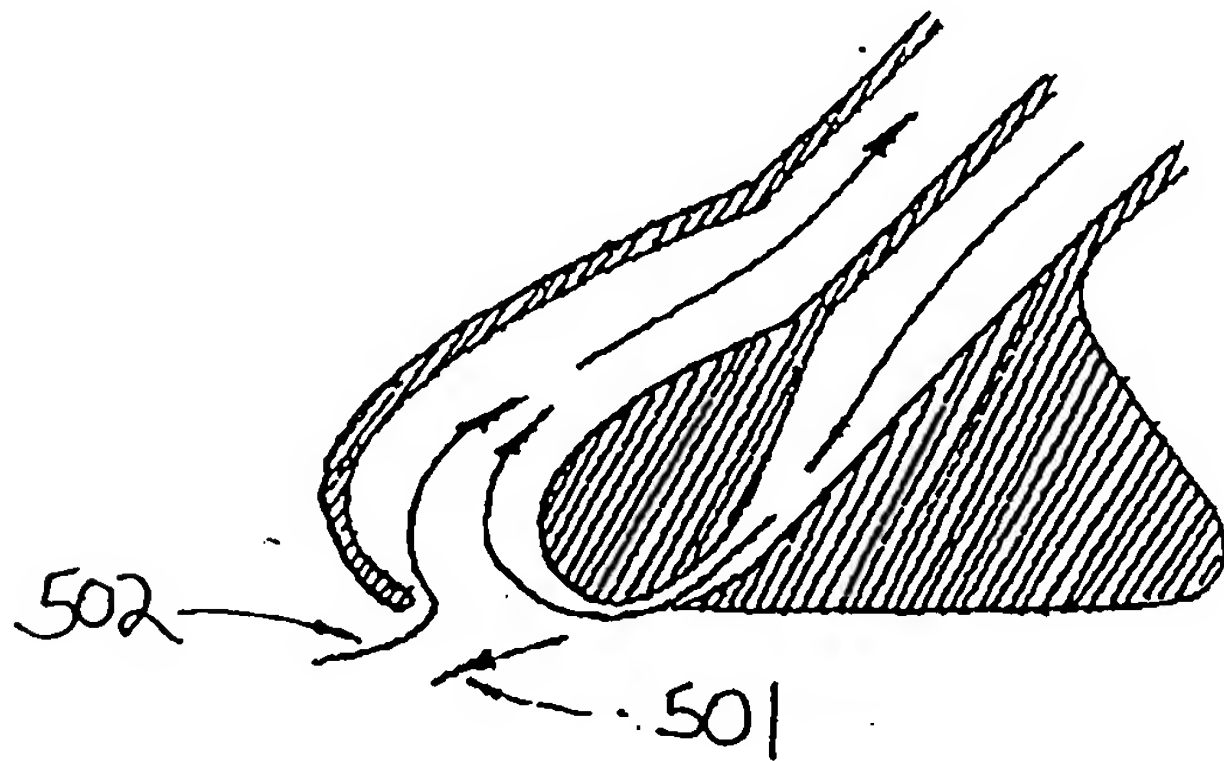


FIGURE 5
(PRIOR ART)

2025 RELEASE UNDER E.O. 14176

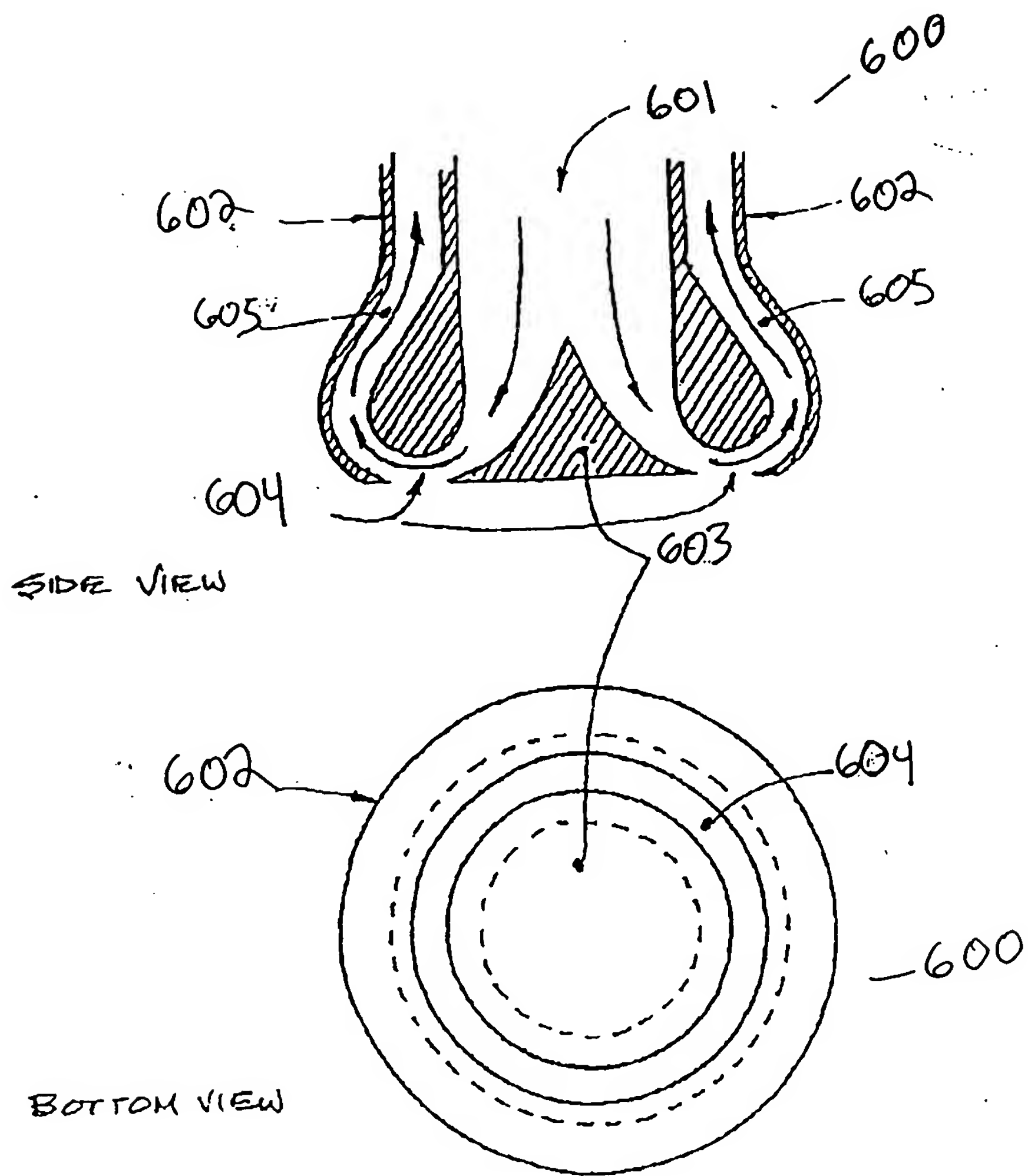


FIGURE 6.
(PRIOR ART)

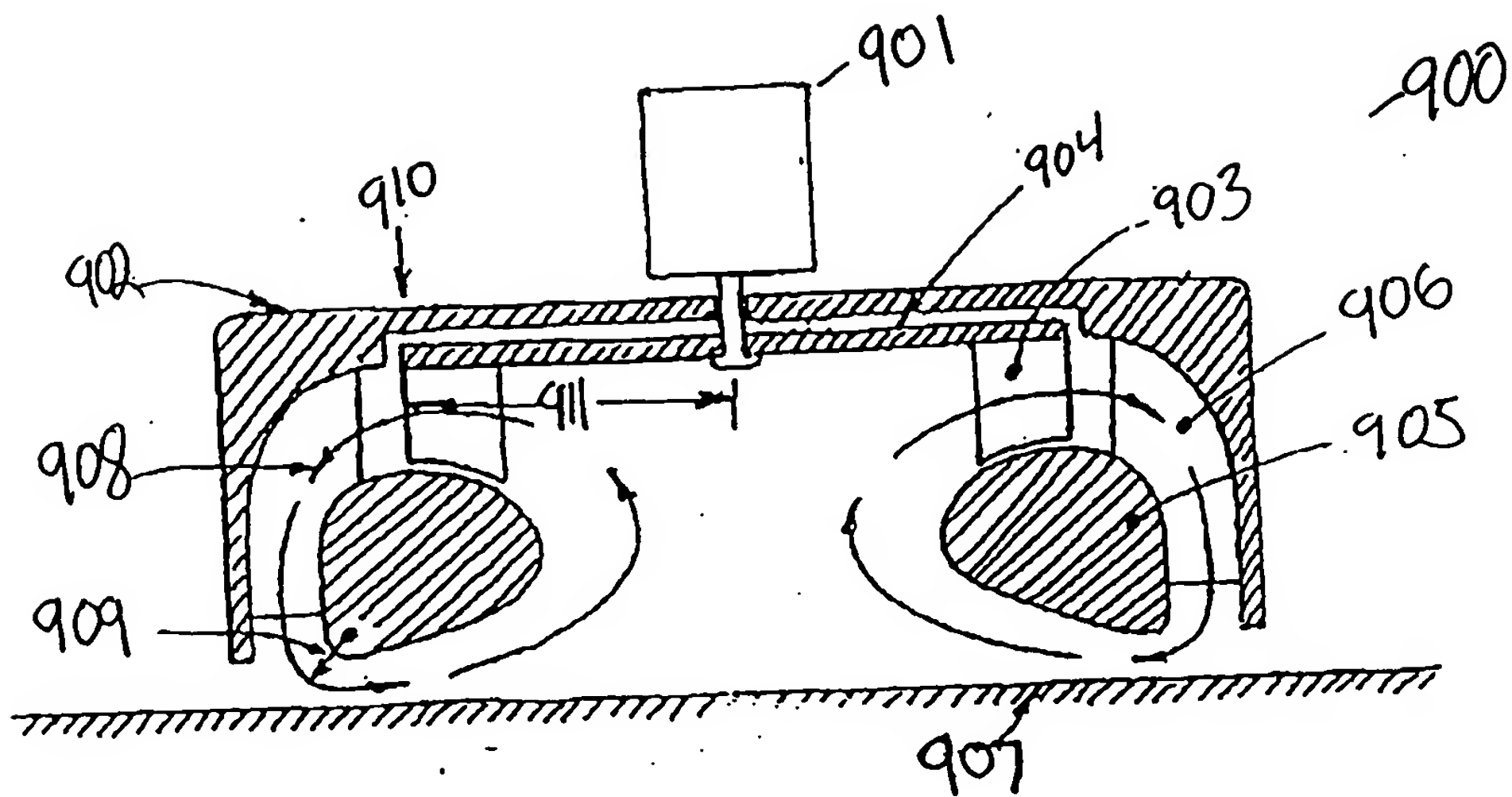


FIGURE 9.

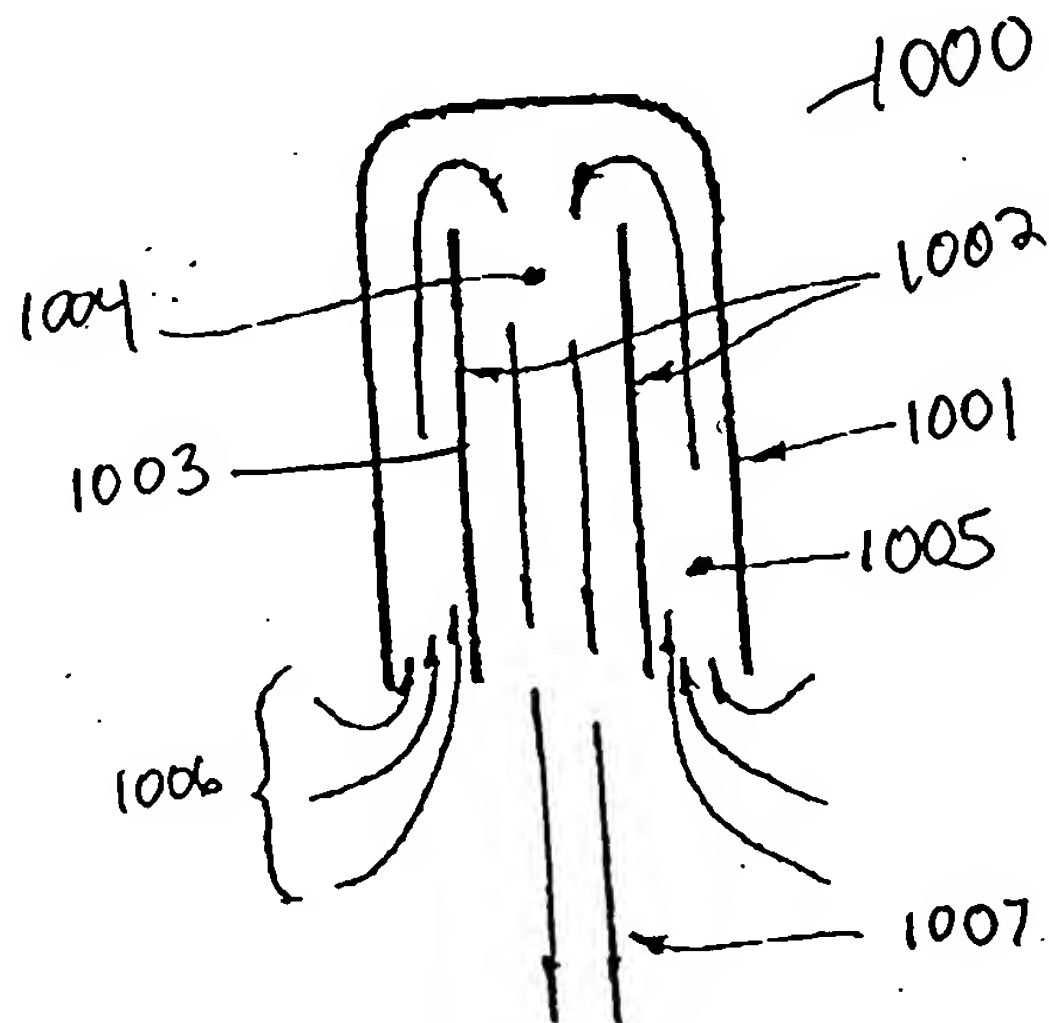


FIGURE 10.

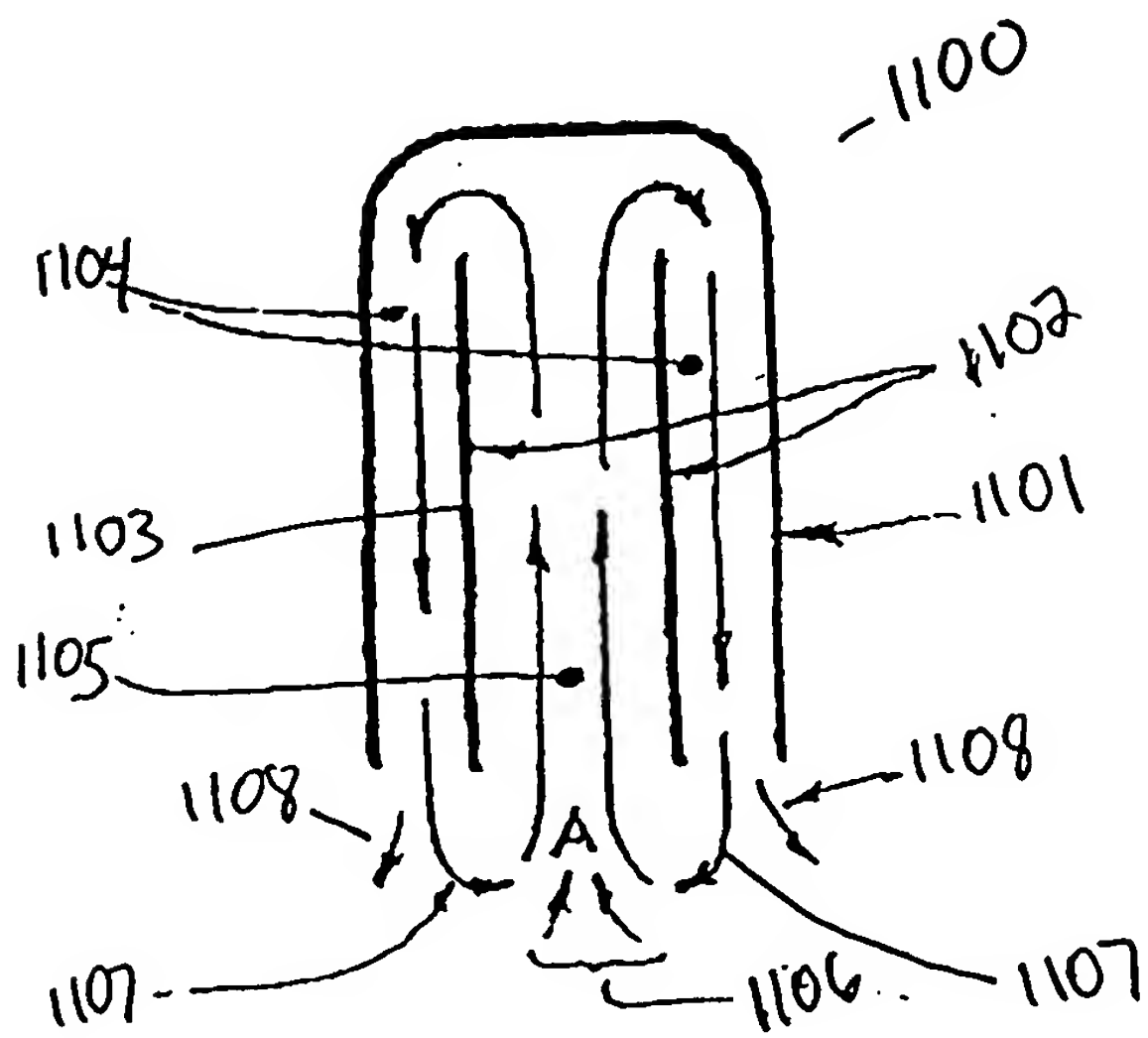


FIGURE 11.

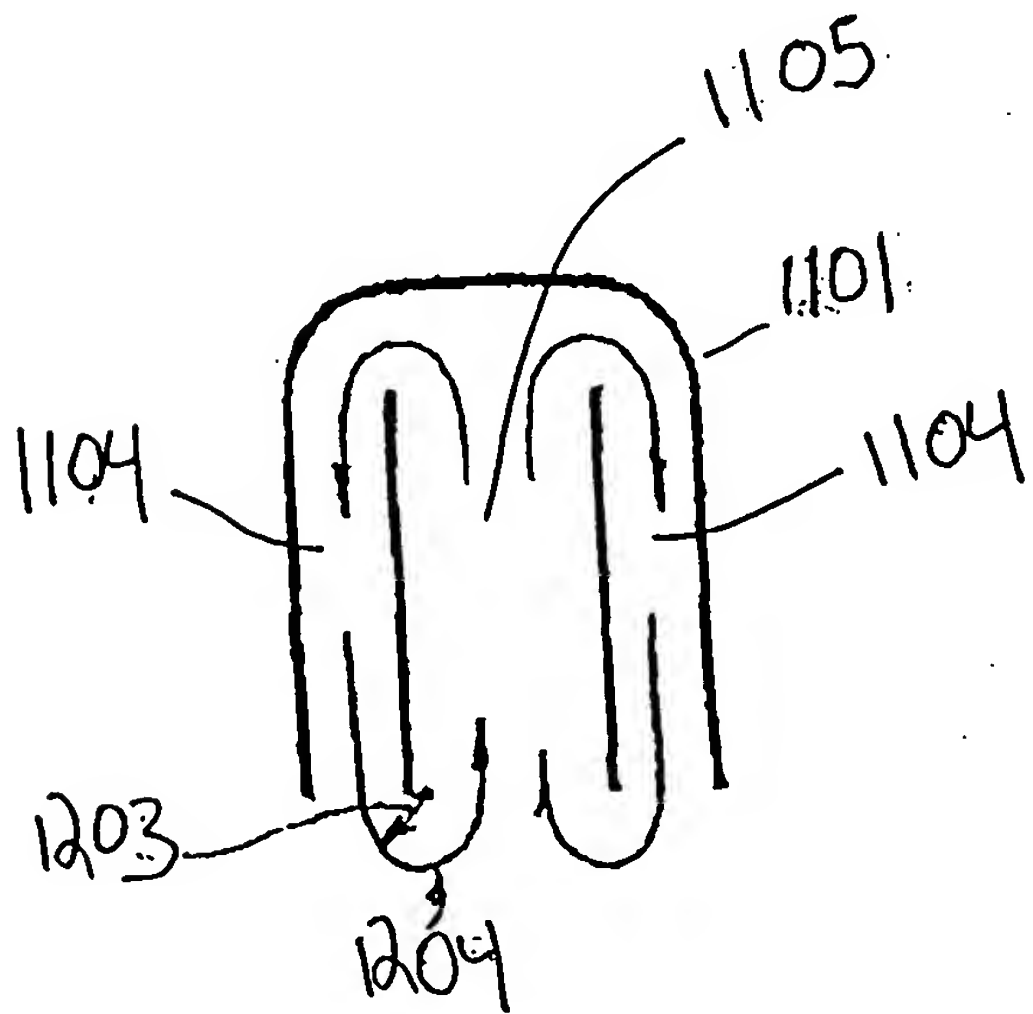


FIGURE 12.

1001493-03090

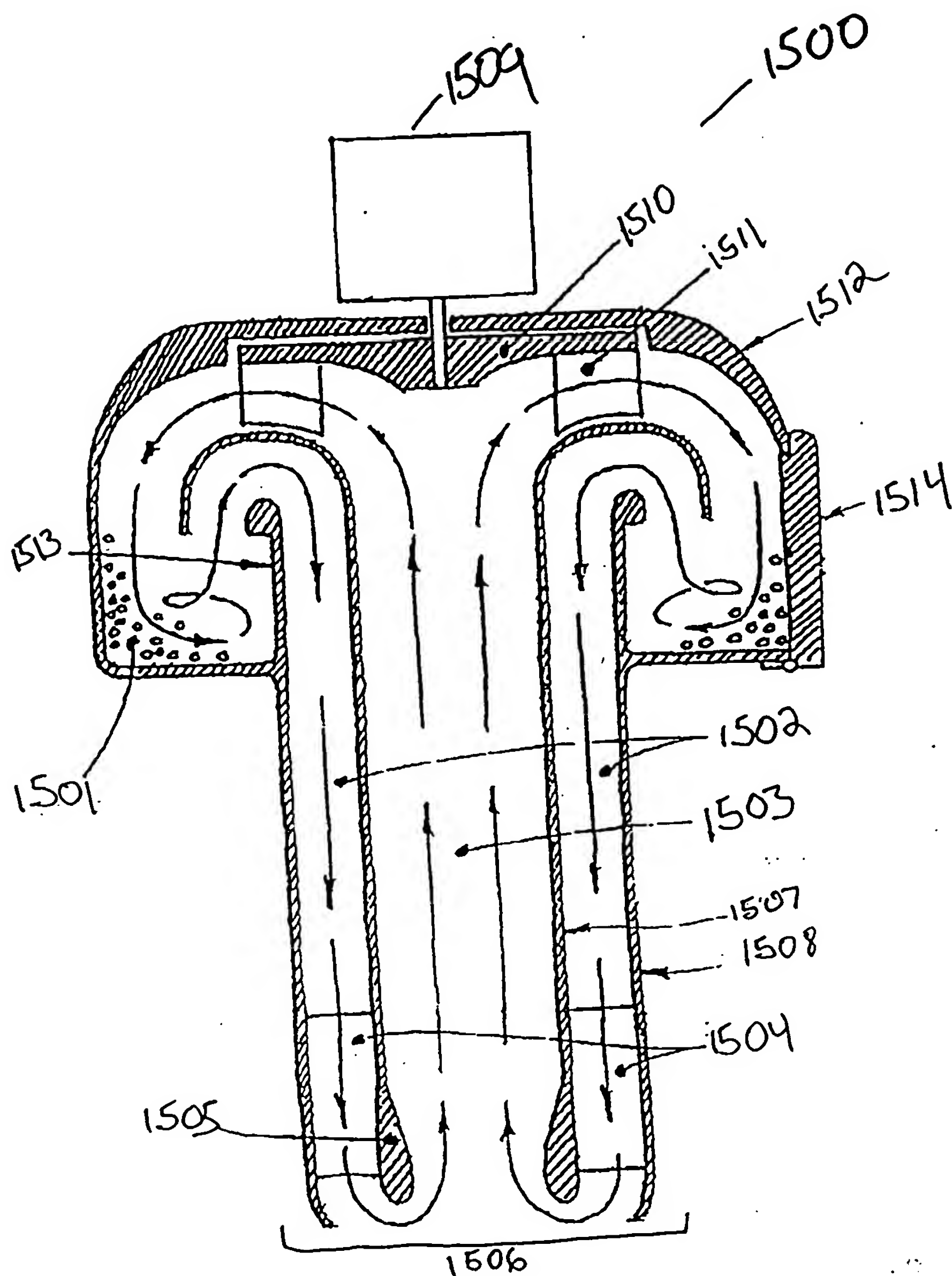


FIGURE 15.

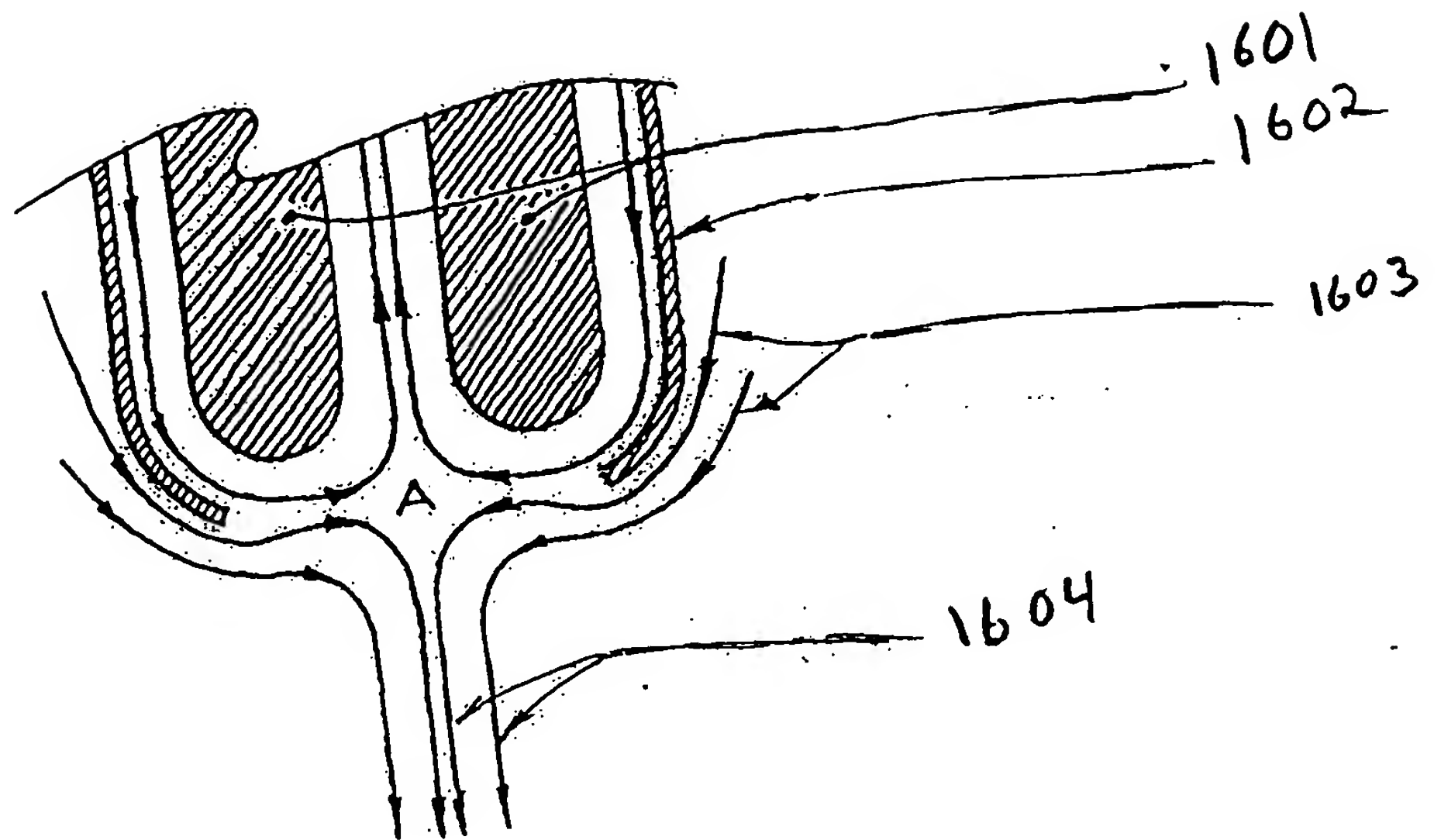


Figure 16

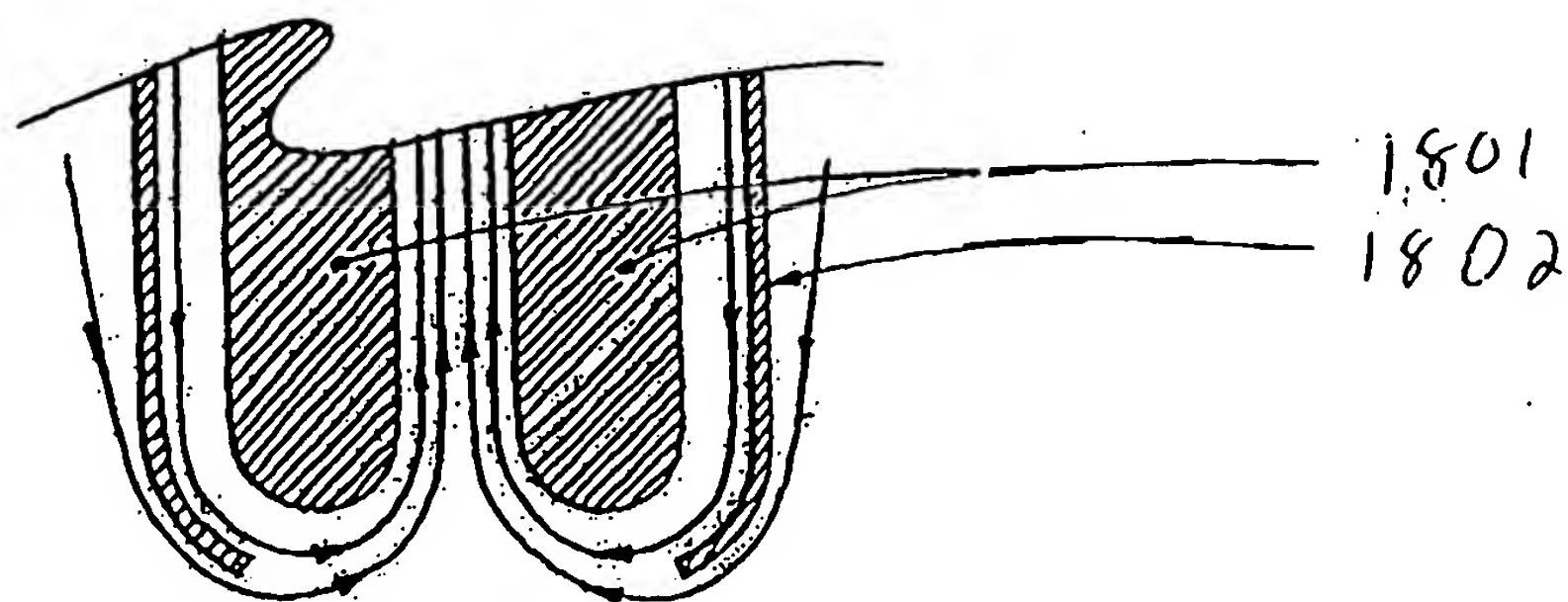
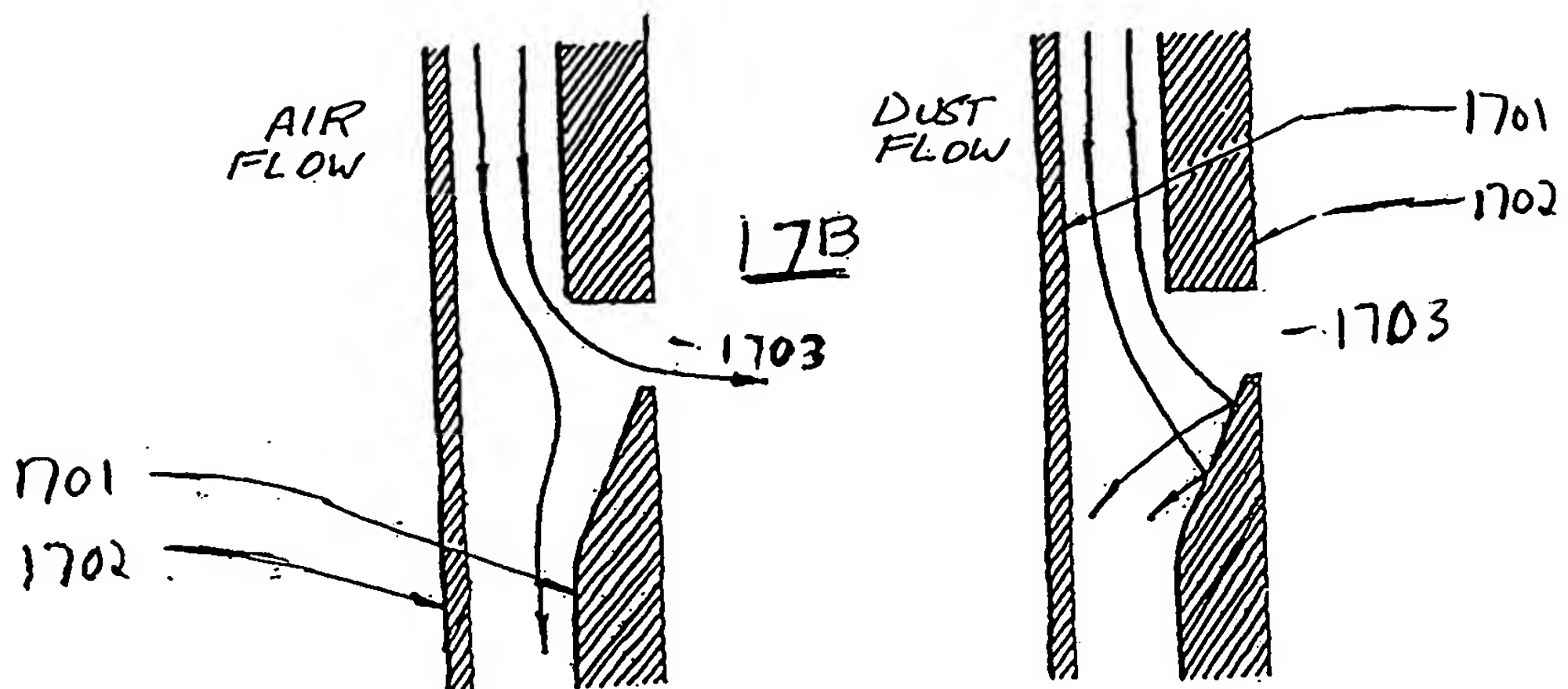
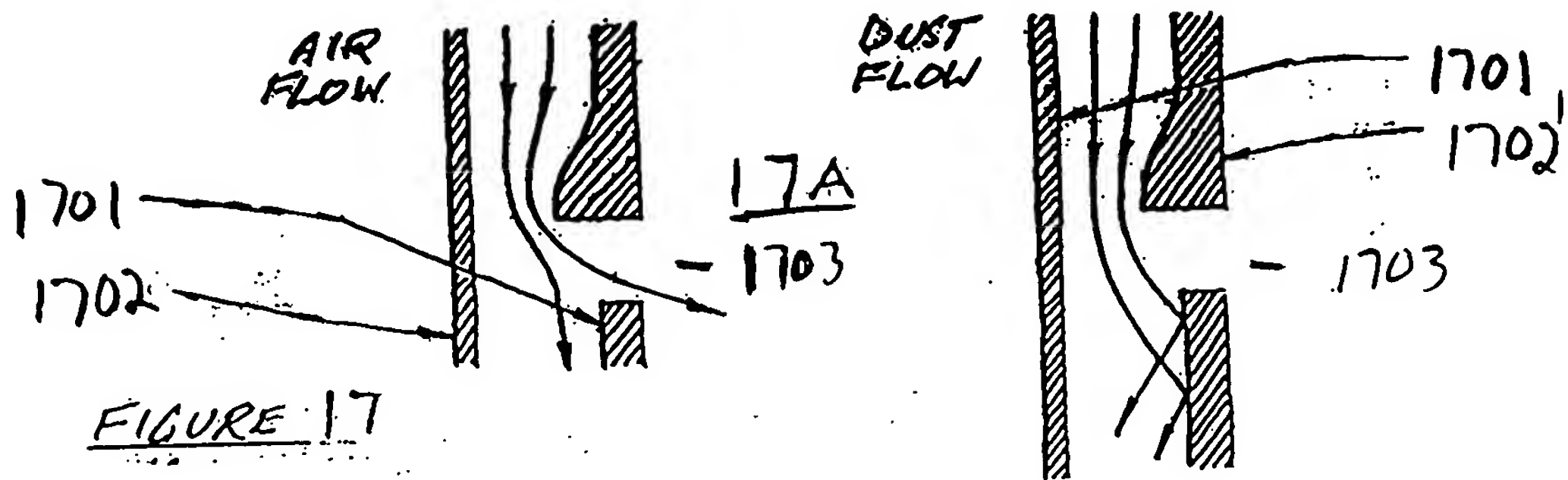


FIGURE 18

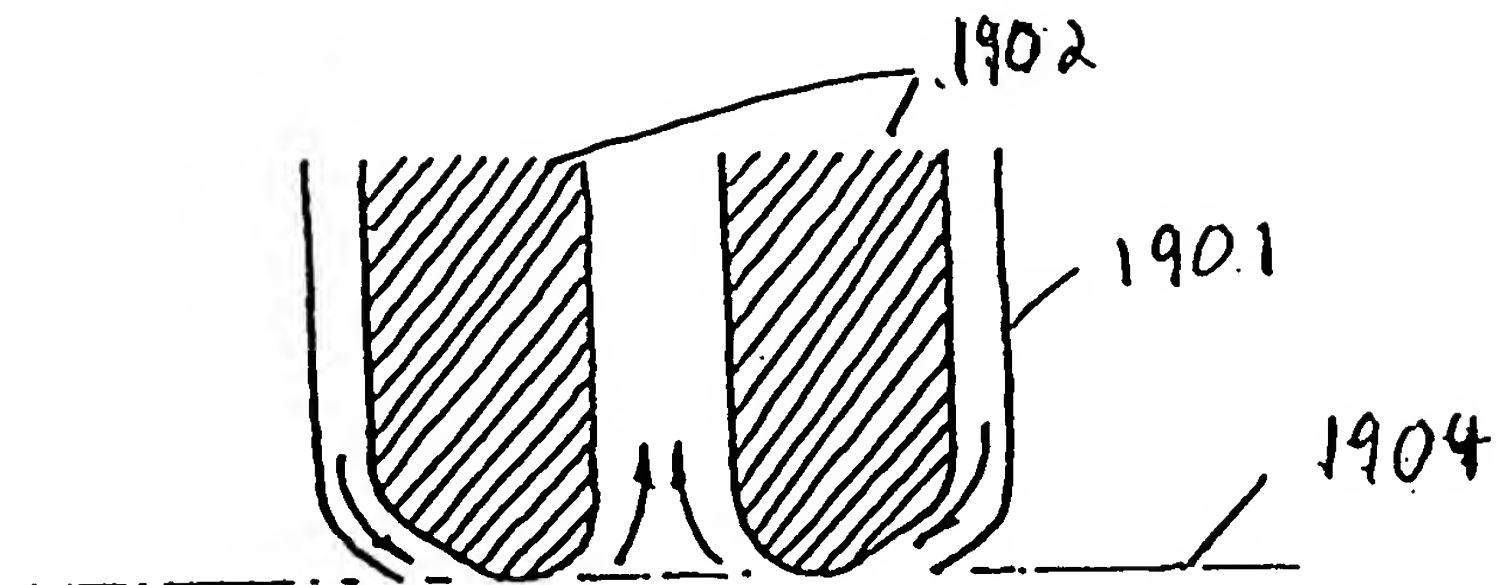


FIG 19B

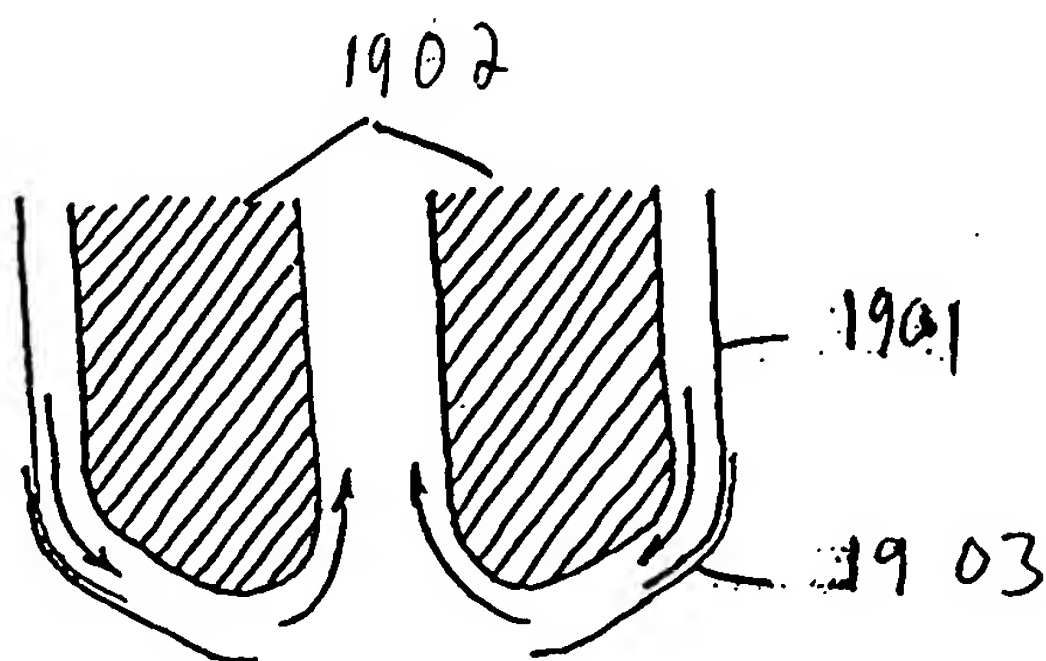


Fig. 19A

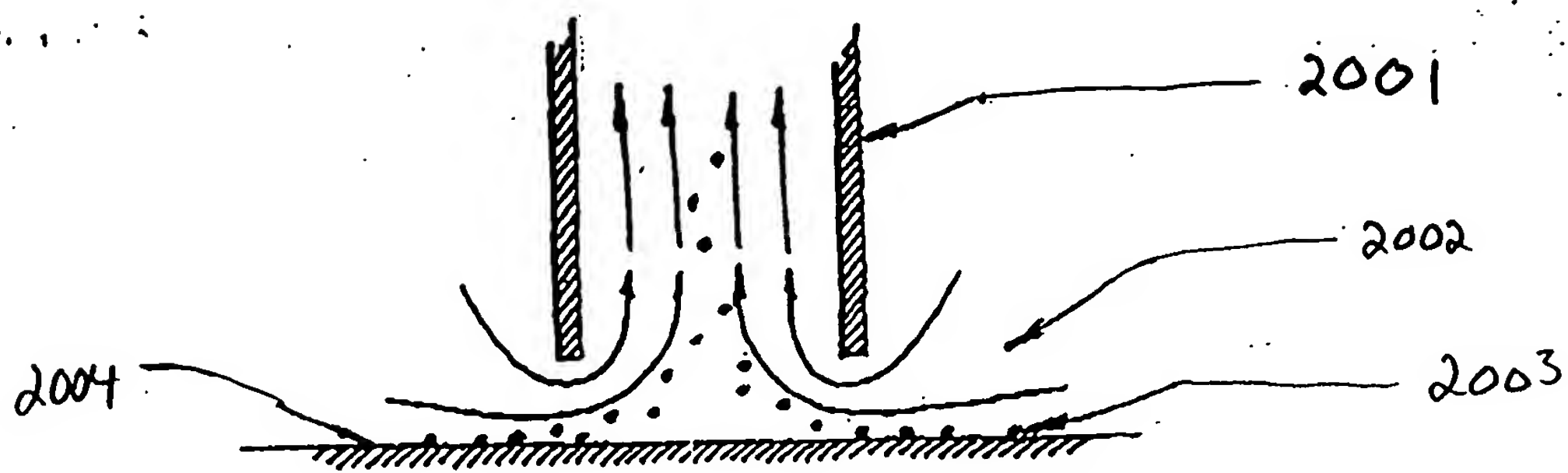


FIGURE 20a
Prior Art

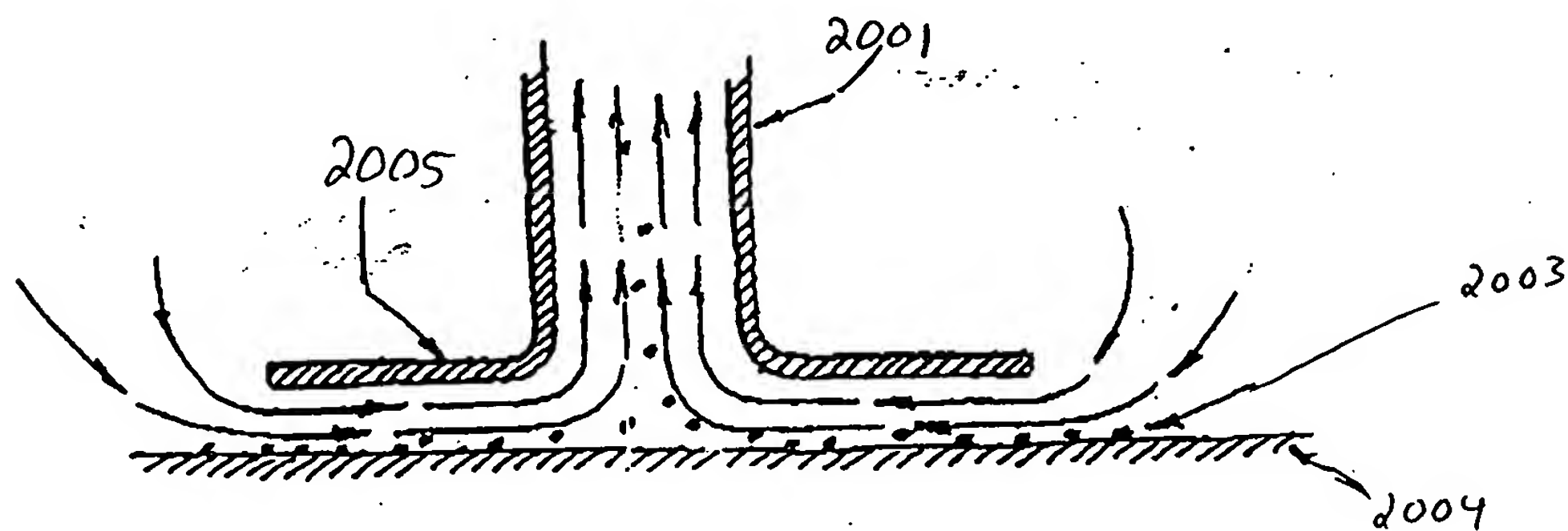


FIGURE 20b
Prior Art

FIGURE 20a

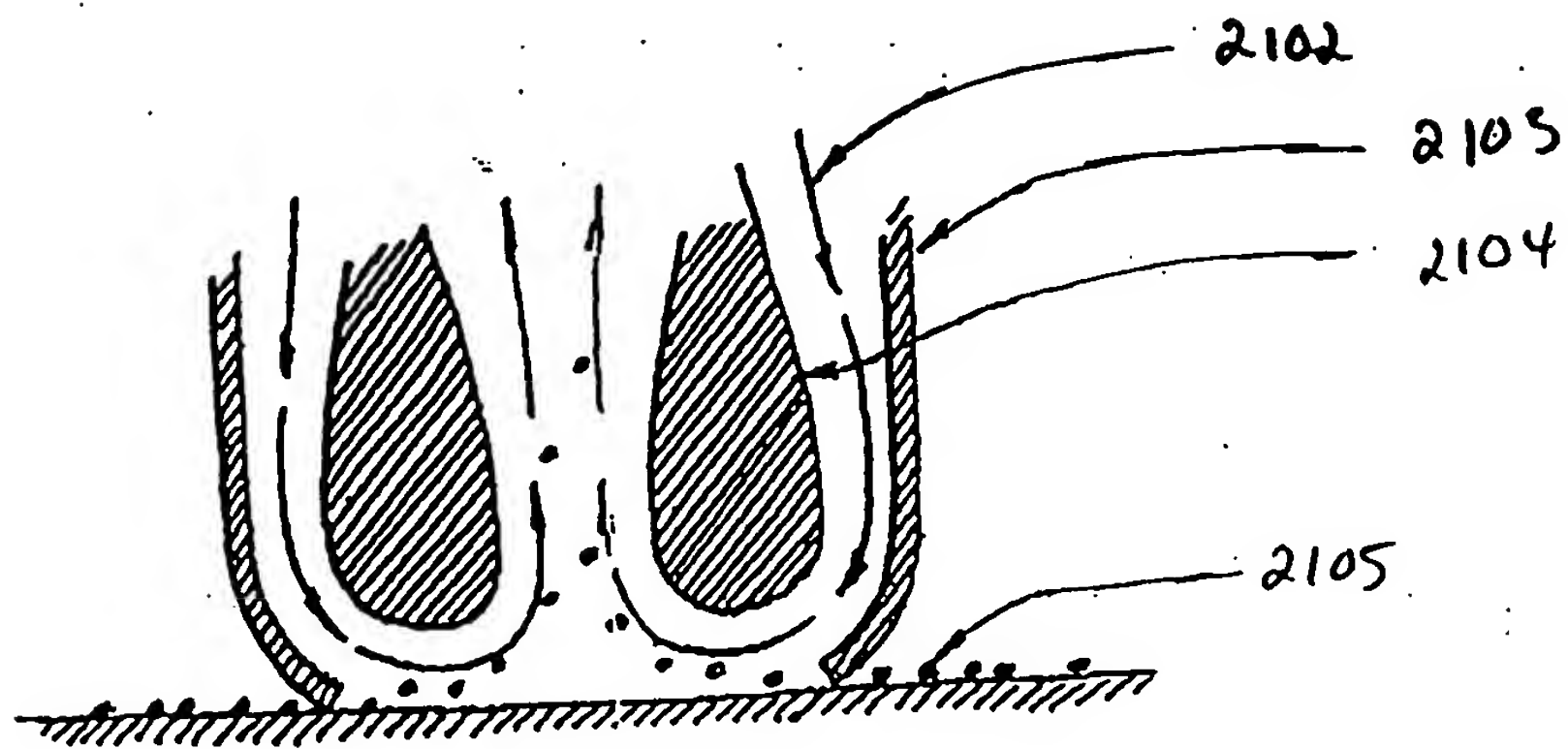


FIGURE 21a

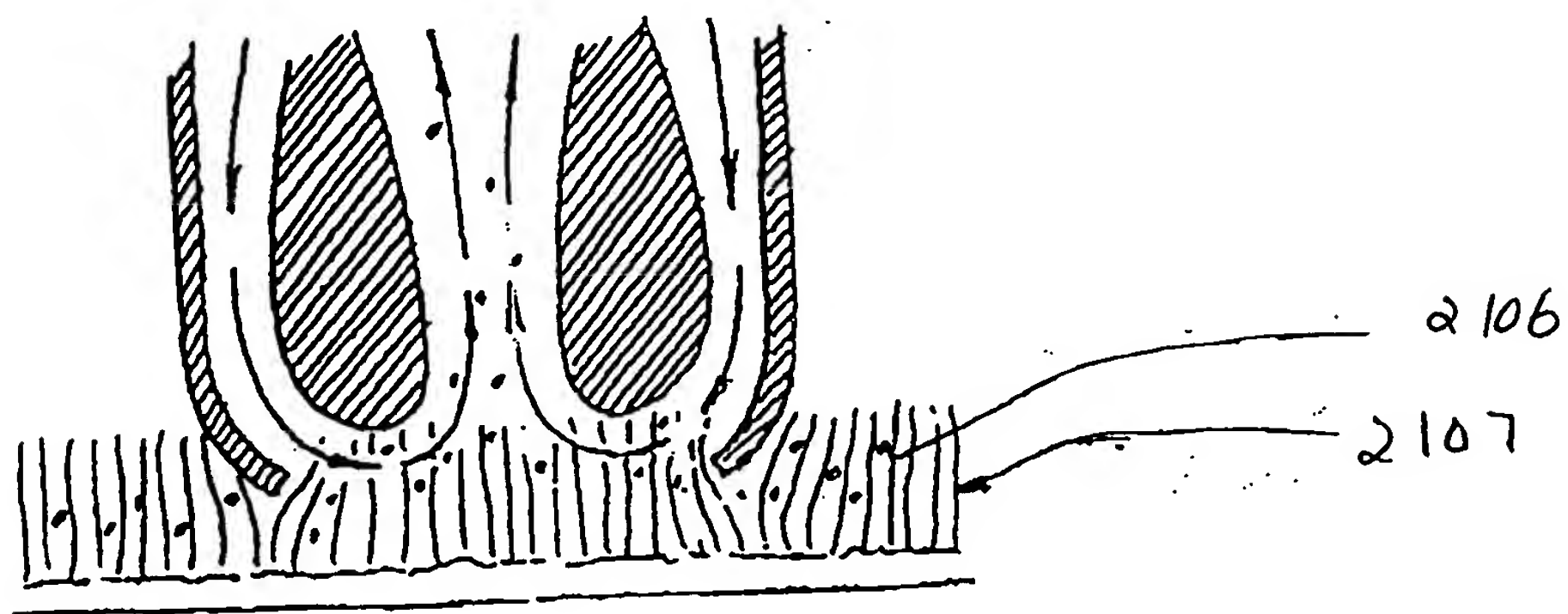


FIGURE 21b

1.0051.999 "030500"

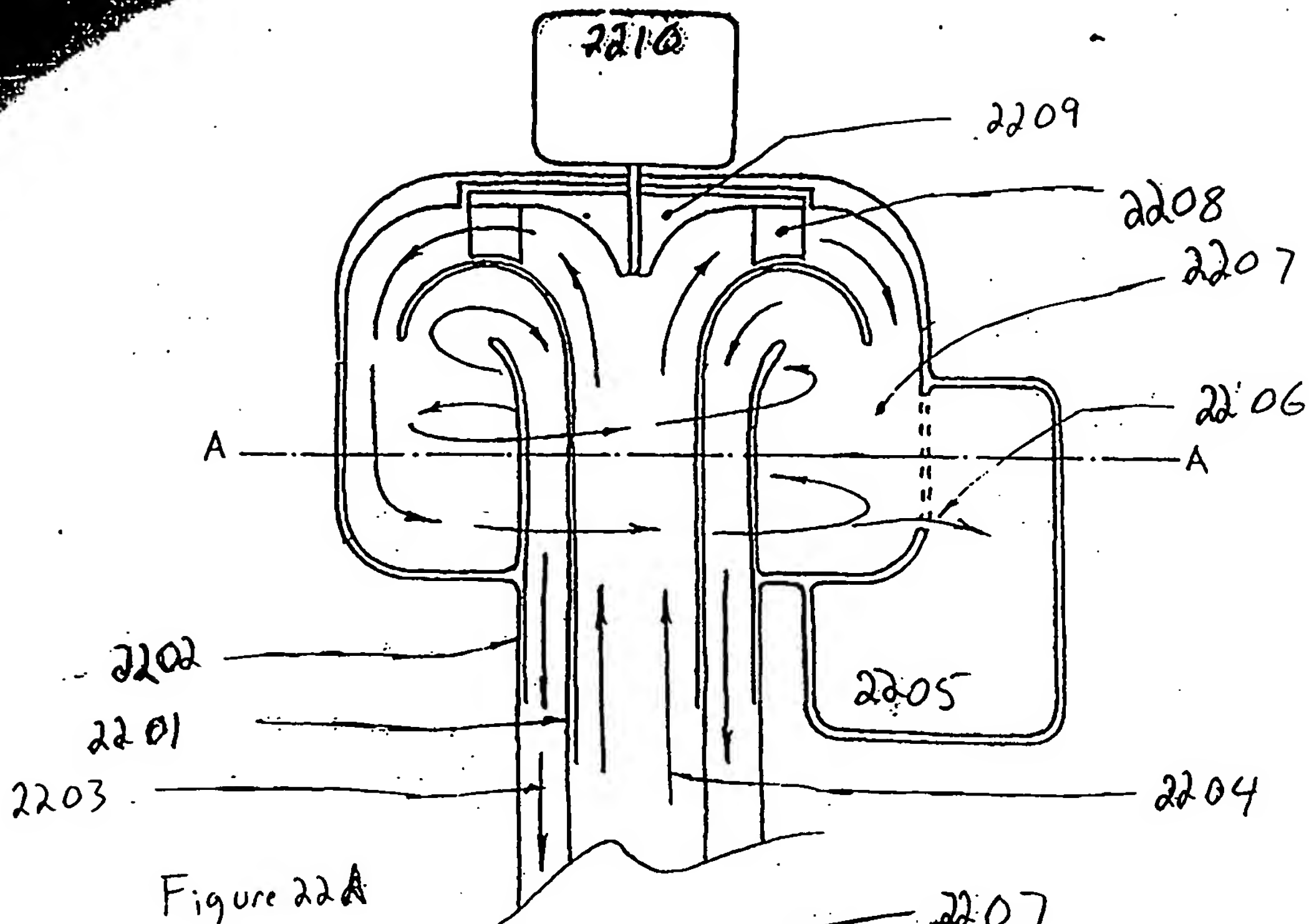


Figure 22A

SECTION A-A

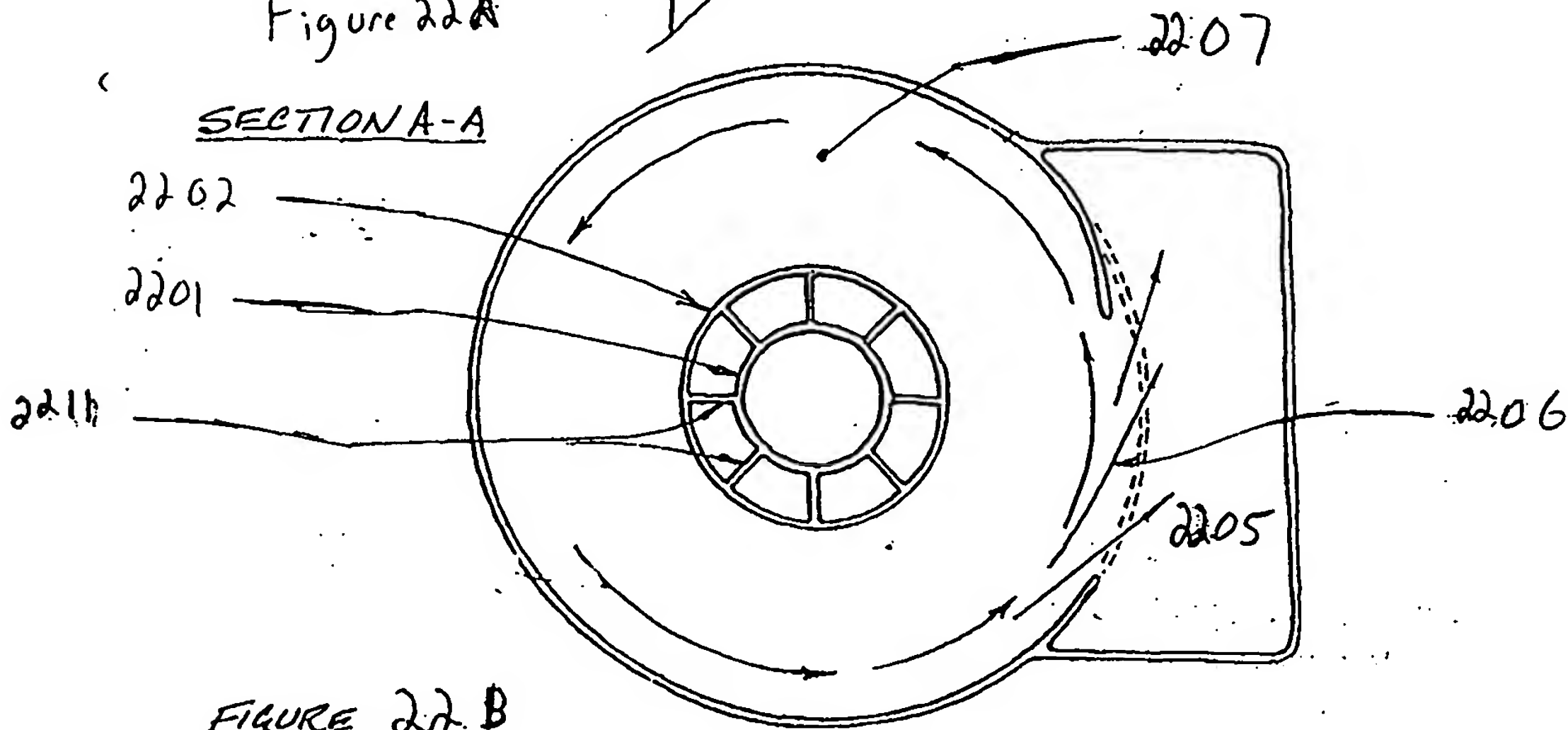


FIGURE 22 B

